

20010629.ba v03\_n181.bam.20010629

>From ???@??? Fri Jun 29 17:27:38 2001 -0500  
Message-Id: <200106292227.f5TMRVaY005648@sco.theporch.com>  
Date: Fri, 29 Jun 2001 17:26:38 CDT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3181

BOATANCHORS Digest 3181

Topics covered in this issue include:

- 1) Re: SRR-11A  
by "Hue Miller" <kargokult@proaxis.com>
- 2) Re: Enigma and Ultra... One More Time.  
by "Richard Brisson" <hagelin@magi.com>
- 3) Information on E.H. Scott's QUARANTA  
by "Richard Brisson" <hagelin@magi.com>
- 4) Boatanchor Books and Other Publications For Sale  
by K8MFO@aol.com
- 5) Re: SRR-11A  
by Randy Zelick <rzelick@inetarena.com>
- 6) Re: Enigma and Ultra... One More Time.  
by Richard Post <post@ouvaxa.cats.ohiou.edu>
- 7) Re: SRR-11A  
by "Nick England" <nicky@3rdTech.com>
- 8) WTD: manual for Canadian HV power supply  
by Avery Comarow <acomarow@usnews.com>
- 9) RF Protection switching 'BRICK'  
by "Ed Tanton" <n4xy@att.net>
- 10) WTD: Echophones/parts  
by "Cormac Thompson" <cormac@bentonrea.com>
- 11) Re: SRR-11A  
by "Robert W. Downs" <RWDowns\_WA5CAB@compuserve.com>
- 12) AN/SRR-11  
by "Ed White" <wa3bzt@wserv.com>
- 13) Re: Enigma and Ultra... One More Time.  
by "Ed Sharpe" <esharpe@uswest.net>
- 14) Re: Regen sensitivity on 21, 28 MHz ?  
by "Hue Miller" <kargokult@proaxis.com>
- 15) Re: Regen sensitivity on 21, 28 MHz ?  
by "Herbert M. Rosenthal" <herbrose@lobo.net>
- 16) Radio City Product and More BA Books for Sale  
by K8MFO@aol.com
- 17) Re regen  
by "philip" <dgnova@erols.com>
- 18) I-177 TUBE TESTER METERS

by JOHN.SEHRING@ecunet.org

-----  
Message-ID: <002f01c0ff37\$23718420\$96fd91c6@oemcomputer>

From: "Hue Miller" <kargokult@proaxis.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: SRR-11A

Date: Wed, 27 Jun 2001 11:29:40 -0700

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: <w8au@sssnet.com>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: <boatanchors@theporch.com>

Sent: Wednesday, June 27, 2001 5:37 PM

Subject: Re: SRR-11A

> I was instructed on these receivers at Electronics Technician  
School at  
> Great Lakes years back. On the surface they seemed to be  
tremendous for  
> their time (1955 or so) but they eventually fell out of grace with  
the Navy  
> because they were a maintenance nightmare and did not perform all  
that  
> well.

The only SRR-13 i ever came into, i gave away rather than plunge into  
investing time into. I have long wondered if that was a big mistake.  
The  
receiver, i think, really looks beautiful. I wish you would expand on  
the  
maintenance weaknesses and also the part, "did not perform all that  
well".

Also, since i never even powered up the one i briefly owned, i never  
had a chance to perform my eyeball good/ bad test of these specs:  
( receiver uses lighted optical projection dial, dark w/o power)

kHz per knob rotation on 4, 7, 15, 21, 29 MHz

dial resolution at same frequencies

would someone volunteer to post that information? Doesn't take but a few minutes to get the ballpark figures by hand and easy calculation.

I almost bet money i would be disappointed by the figures, as i am with so many good looking receivers such as the R-808 and the RBS. ( Yes, they weren't intended for tuning around in search of stations, i know.)

Regards, Hue Miller

-----  
Message-ID: <052b01c0ffc5\$283b77c0\$f6640b9a@pentium350>

From: "Richard Brisson" <hagelin@magi.com>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: <boatanchors@theporch.com>

Subject: Re: Enigma and Ultra... One More Time.

Date: Thu, 28 Jun 2001 07:26:19 -0400

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Richard,

Was your fellow "prisoner" one who recently attended the Canadian Information Technology Security symposium here in Ottawa earlier this month? The pamphlets you describe are some of the ones we were giving out at the crypto-display booth which featured 3 Enigmas (3-rotor WWII German, 4-rotor WWII Kriegsmarine, 4-rotor Commercial), a rotor from a U.S. Naval Bombe (about 120 made whose purpose was to find Enigma initial settings mainly for 4-rotor traffic but could also do it for 3-rotor), Sturgeon (which is a teletypewriter encryption device with 10 rotors and was never broken by the Allies) and information displays on Enigma. NSA also had a booth at the symposium.

Your friend missed getting a recently published pamphlet from the CCH/NSA titled "Solving the Enigma: History of the Cryptanalytic Bombe" (52 pages) and describes the Allied efforts on breaking Enigma both at Bletchley and Washington. There are sections which describe the invaluable contributions from Joseph Dench, Doc Keene, Gordon Welchman, Alan Turing, etc.

If anyone wishes to obtain any pamphlets from the CCH/NSA at no charge, simply phone the National Cryptologic Museum and I am told by their curator (and good friend) Jack Ingram that they will mail you whichever pamphlets you specify. Their number is 301-688-5849 and you can check their hours of operation at:

<http://www.nsa.gov:8080/museum/map.html>

If by any chance you wish more copies of the "An Overview of the History of Cryptology", please send me your mailing address and we will be most pleased to send you some.

If you have access to Discovery Channel (Canada) on cable, you might be interested in the weekly airing of 30 minute episodes on the theme of "Science of Secrecy" hosted by Simon Singh, author of "The Code Book". if you visit:

<http://www.exn.ca>

you will find the schedule of the episodes:

The next episode is on July 3rd at 9:00 pm titled "Le Chiffre Indechiffrable".

Tue, Jun 19, 2001 at 9:00 PM - The Babington Plot  
Tue, Jun 26, 2001 at 9:00 PM - Hieroglyphs  
Tue, Jul 3, 2001 at 9:00 PM - Le Chiffre Indechiffrable  
Tue, Jul 10, 2001 at 9:00 PM - The Zimmermann Telegram  
Tue, Jul 17, 2001 at 9:00 PM - Going Public

Best regards,

Richard Brisson  
CSE/GoC  
Email: [hagelin@magi.com](mailto:hagelin@magi.com)

-----  
-----  
Message-ID: <055001c0fffc6\$28790080\$f6640b9a@pentium350>  
From: "Richard Brisson" <[hagelin@magi.com](mailto:hagelin@magi.com)>  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
Subject: Information on E.H. Scott's QUARANTA  
Date: Thu, 28 Jun 2001 07:33:30 -0400  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----=\_NextPart\_000\_054D\_01C0FFA4.A09DF600"

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_054D\_01C0FFA4.A09DF600  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Good morning,

Would anyone have any information from any source on E.H. Scott's =  
Quaranta?

I know there's Jim Clark's book which I don't have yet - but I do have =  
the following:

- Scott Full Range Quaranta High Fidelity by Jacques Dubois
- Classic Radio - The Best Money Can Buy - by Norman Braithwaite (he's =  
likely

THE authority on E.H. Scott.

- ARC articles

The type of information I am seeking would include any schematics, =  
technical=20  
specs, photos.

Thanks to all,

Richard.

Email: hagelin@magi.com

-----=\_NextPart\_000\_054D\_01C0FFA4.A09DF600

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=\_NextPart\_000\_054D\_01C0FFA4.A09DF600--

-----  
From: K8MF0@aol.com

Message-ID: <a7.10105e3e.286c9b76@aol.com>

Date: Thu, 28 Jun 2001 10:38:46 EDT

Subject: Boatanchor Books and Other Publications For Sale

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

I have a number of old books and publications for sale. Please note that

my PRICES INCLUDE SHIPPING within the USA. I will ship by the most economical means, which is usually the "media rate", the new name for printed matter. If you do not like the prices (too low, etc) please let me know and we can discuss it. I have never seen some of these publications before. Please let me know if you need additional information on them.

1. "Henley's 222 Radio Circuit Designs". Printed in 1924, 270+ pages. Cover is not in the greatest shape, but the rest of the book is complete. Has a lot of great stuff for the experimenter. \$12.
2. Meissner "How to Build" Instruction Manual". Copyright 1942. From the makers of the "Signal Shifter". 160+ pages. A treasure trove of information. \$12.
3. Meissner 1942 General Catalog. 40 pages of Meissner products. \$6.
4. Premax Antenna Manual. Copyright 1946. 20 pages of antenna theory and construction details on some of the old classic antennas. \$6
5. Allied's Radio-Circuit Handbook. Copyright 1943. From Allied Radio. 40 pages from the technical staff. \$7.
6. Understanding Amateur Radio. From ARRL. 1963 Edition. 300+ pages. \$7
7. RCA Receiving Tube Manual. 1960 Edition. 400+ pages. \$8
8. Short Wave Radio Quiz Book and Kinks. 60+ pages. Copyright 1938 by radio pioneer Hugo Gernsback. \$10
9. Fundamentals of Magnetic Recording. From 1951. By Audio Devices, Inc. 45 pages. \$3
10. Characteristics of Sylvania Receiving Tubes. 51 pages. \$3
11. 1973 Radio Amateurs Handbook. From ARRL. \$9
12. Scanner Mate - 1977 Edition. For the states of OH, IN, KY, MI, and IL. Lists all of the "action frequencies". 145 pages. \$5
13. The Worldwide Shortwave Listening Guide. From Radio Shack. 112 pages. \$5

Again, PRICES INCLUDE SHIPPING. Questions?

Don K8MFO

-----  
Date: Thu, 28 Jun 2001 09:51:02 -0700 (PDT)  
From: Randy Zelick <rzelick@inetarena.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: SRR-11A  
Message-ID: <Pine.LNX.4.10.10106280928040.30697-1000000@inetarena.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi all,

Some observations about the SRR receivers...

I've owned a few. They are nice collectables because of some unique and cool design features. They are not great performers despite some recommended modifications (like removing the noise clipper diodes to eliminate audio distortion). I would recommend looking back 8? years or so for a nice article in Electric Radio magazine about the SRR-13A.

What is good:

Very nice, smooth tuning mechanism.  
Unique projection display system  
Straightforward, basic electrical design  
Good mechanical design in terms of interior layout, cabinetry

What is not good:

The tuning knob is too close to the band change knob for comfortable use, in my view. Also it is on the left side of the radio which can be awkward for right-handed users.

The tuning rate is too fast on the higher bands for all but swbc use. Might be a good set to consider as a Q5er though, because the tuning rate is not too bad around 80 M (for the -13A). The lower freq models might be excellent choices to tune through the I.F. of another receiver, or just use with a bank of converters. This would be like building a R-390 using two receivers - at least you would get slower tuning than the 390 offers.

As mentioned, the pencil tubes are soldered in place. But once you get the set working, it is pretty stable. The manual has lots of stage gain measurements and you are supposed to check the tubes in place. This is the right way to do it anyway, so I don't see this as a very big liability.

The dial calibration is often off by quite a bit. If I found a complete set but with a trashed projection system (like broken etched glass dial) it would be a perfect candidate to retrofit (horrors!) a digital display to appear in the rectangular glass window. The digital display made to frequency count the HF oscillator and calculate actual frequency would make it a much more useable set. But the projection system is far too cool to destroy for this purpose in a complete radio.

The audio distortion level is pretty high.

I agree with Perry that the RBA, RBB, RBC receivers are a much better choice if you don't mind size. The RB's are MUCH more pleasant to use. They are more stable, sound better (even on SSB), and have equal or better selectivity, dynamic range, etc. In my experience they are spot on in terms of dial calibration, but of course suffer the same problem of all receivers of this vintage - you can't get adequate resolution or slowness of tuning at the higher freq ranges.

Cheers,

=Randy=

Randy Zelick

4440 NE 35th Ave.  
Portland, OR 97211  
rzelick@inetarena.com  
503-522-0737 (home)  
503-725-3086 (work)  
503-725-3888 (fax-work)

-----  
Message-Id: <v03007803b7610678bb22@[132.235.46.182]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Thu, 28 Jun 2001 12:12:09 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Richard Post <post@ouvaxa.cats.ohiou.edu>  
Subject: Re: Enigma and Ultra... One More Time.

I copied the title into Google and found it on-line complete with the pictures. Fascinating info.

Start at the following.

<<http://www.ehistory.com/world/library/books/wwii/enigma/>>

Rich



>Your friend missed getting a recently published pamphlet from the  
>CCH/NSA titled "Solving the Enigma: History of the Cryptanalytic  
>Bombe" (52 pages) and describes the Allied efforts on breaking  
>Enigma both at Bletchley and Washington. There are sections which  
>describe the invaluable contributions from Joseph Dench, Doc Keene,  
>Gordon Welchman, Alan Turing, etc.  
>  
>Richard Brisson

-----  
Message-ID: <00af01c0fffb\$e91dc390\$fd0212ac@3rdTech.com>  
From: "Nick England" <nick@3rdTech.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: SRR-11A  
Date: Thu, 28 Jun 2001 13:58:17 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I think perhaps the WRR-3 (R-1134/WRR-3) was the replacement for 14-600kHz,  
AM/CW/RTTY - mechanical readout ala the R-390, regular plug-in miniature  
tubes, made by Bendix. Pretty well built as I remember from 30 years ago.

One thing I learned - When installing these receivers on aircraft carriers,  
do not mount them in a compartment directly below the catapult as they may  
suffer from microphonics in such a situation.

-----  
Nick England  
3rdTech Inc.       www.3rdtech.com  
ph 919-929-1903   fax 919-929-2098

-----  
Message-Id: <4.2.2.20010628135641.00acf400@ntpop.usnews.com>  
Date: Thu, 28 Jun 2001 13:59:36 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Avery Comarow <acomarow@usnews.com>  
Subject: WTD: manual for Canadian HV power supply  
Cc: dcboatanchors@qth.net  
Mime-Version: 1.0  
Content-Type: multipart/alternative;  
        boundary="====\_75389965==\_ .ALT"

--====\_75389965==\_ .ALT  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Anybody got a manual to sell or copy (I pay charges, of course) for a Stark Electronic Instrument variable HV power supply, model PS-501A, made in Canada under license from Hickok?

73, Avery W3AVE

--=====75389965==\_ALT

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--=====75389965==\_ALT--

-----  
From: "Ed Tanton" <n4xy@att.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: RF Protection switching 'BRICK'

Date: Thu, 28 Jun 2001 16:08:03 -0400

Message-ID: <CKEGICNFDIMCEKEDCEHFAEJMHJAA.n4xy@att.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello folks... I finally think I am finished with the RF PROTECTION section of my larger project, an RF switching unit. This section will self-protect itself, and any receiver or distribution amp connected to it. It is NOT intended to replace lightning protection, but rather, act as an adjunct to T/R switching. All data inputs and outputs are opto-buffered, and are passed through. The schematic is done in Adobe PDF format. Please let me know if you find any errors, etc.

While it is going to be part of something a bit bigger (added HC-1 vacuum relays) it is completely stand-alone, and with the appropriate relay(s) should do a great job of protecting any receiver.

Start on: <<http://www.qsl.net/n4xy/hmbw1.html>> ...near the bottom of the page.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
Message-ID: <002e01c10027\$be21df60\$e62207d8@cormacth>  
From: "Cormac Thompson" <cormac@bentonrea.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: WTD: Echophones/parts  
Date: Thu, 28 Jun 2001 16:12:01 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Greetings:

Looking for Echophones, any model, any condition.  
Or settle for a couple of small knobs from the Echophone models. Have EC1A  
and EC1B models for possible trade. Can anybody help me?

Thanks & 73,

Cormac, W7JHS  
Vintage AM Boatanchors  
Weak Signal VHF  
PSK-31  
CFI-Airplanes

-----  
Date: Thu, 28 Jun 2001 21:41:25 -0400  
From: "Robert W. Downs" <RWDowns\_WA5CAB@compuserve.com>  
Subject: Re: SRR-11A  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <200106282141\_MC3-D790-A86C@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Barrie,

Minor correction to Perry's post - The earlier model BC-348's are HF only=  
. =

The later ones have HF and LF. The LF version (150-1500 KC) of the BC-31=  
2  
is the BC-314 (12VDC operated) or BC-344 (115VAC). The BC-312 itself (an=  
d  
the 115VAC BC-342) cover 1.5-18 MC. =

On balance, I'm inclined to agree with Perry's comments on the AN/SRR-11,=  
12 and 13. When they work, they work fine. But working on them is anothe=  
er  
matter. An RBA (which is a TRF set), although over twice the volume and  
requiring an external supply, works as well, and you can work on it. :-)=  
=

It also goes down to 11 or 12 KC if you are into real VLF.

>I would suggest you find an older receiver, such as an RBA, RAK, RBL (WW=  
2)

that cover VLF/LF, or possibly some Signal Corps sets that cover LF only,=  
=

such as BC-348, BC-312, the ARC-5 190-550 kHz unit, and many others. I =  
find that the RBL series is the easiest to use, and perhaps the =

best. These older receivers are much easier to work on, and the parts a=  
re

more readily available.

<

73,

Robert W. Downs

<rwdowns\_wa5cab@compuserve.com>

Houston, TX/Bayou LaBatre, AL

-----  
Message-ID: <003001c10041\$8d3f61a0\$92bc69ce@tsunami2>

From: "Ed White" <wa3bzt@wserv.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: AN/SRR-11

Date: Thu, 28 Jun 2001 22:11:13 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang:

I have a SRR-11 and a SRR-13A works fine as long as you have spare tubes that are in the tube sockets. the Receiver works well at these frequencies the real problem is you need a GOOD antenna to make the receiver sound better.

The RBA receiver ( I had a RBA,RBB,RBC) years ago were big and required a separate power supply for each ( don't believe that you can run a RBA and RBC on the same power supply at the same time they talked to each other, audio bleed by) even with a short antenna they worked very well. When I was a tech for a company in NJ we had a project that had to be tested at altitude and the RCA plant was just a couple of miles away they were still using the RBA,RBB,RBC receivers for the standard receivers to compare other receivers they were testing and this was in the late 60's. that says a lot for the RBA,RBB,RBC receivers Wish I would have kept them.

Ed WA3BZT

-----  
Date: Thu, 28 Jun 2001 20:51:02 -0700  
Message-ID: <002001c1004e\$bef10480\$ead3e13f@pavilion>  
From: "Ed Sharpe" <esharpe@uswest.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Enigma and Ultra... One More Time.  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This is a nice write up indeed. I have added it as a link on our upcoming page on crypto for the museum's website. This a not only fascinating from the standpoint of war and crypto history, but is some of the early roots of modern day computers as well.....

ed sharpe

----- Original Message -----

From: Richard Post <post@ouvaxa.cats.ohiou.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Sent: Thursday, June 28, 2001 9:12 AM  
Subject: Re: Enigma and Ultra... One More Time.

> I copied the title into Google and found it on-line complete with the  
> pictures. Fascinating info.

>  
> Start at the following.  
>  
> <<http://www.ehistory.com/world/library/books/wwii/enigma/>>  
>  
> Rich  
>  
> >Your friend missed getting a recently published pamphlet from the  
> >CCH/NSA titled "Solving the Enigma: History of the Cryptanalytic  
> >Bombe" (52 pages) and describes the Allied efforts on breaking  
> >Enigma both at Bletchley and Washington. There are sections which  
> >describe the invaluable contributions from Joseph Dench, Doc Keene,  
> >Gordon Welchman, Alan Turing, etc.  
> >  
> >Richard Brisson  
>  
>  
>

-----  
Message-ID: <001101c10012\$aa199860\$69fd91c6@oemcomputer>  
From: "Hue Miller" <kargokult@proaxis.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: <johnny.nelson@verizon.com>  
Subject: Re: Regen sensitivity on 21, 28 MHz ?  
Date: Thu, 28 Jun 2001 13:41:07 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I want to ask about the practicality of using a regen on higher bands than the usual coils supplied or recommended, specifically 21 MHz hamband. Most of the ham construction articles have you make coils only for up thru 20 meters, maybe a little above. The "toy" radios, the Knights and all, included coils for up thru 30 MHz, with prospects of probably "iffy" results. I have used regens before, ones which stopped at lower frequencies than 21 MHz. I have been wondering if a QRP setup with a simple regen ( like the old-style, octal tube Ocean Hopper ) plus a simple transmitter, such as a 6V6 or 3Q5 on 3rd overtone of a crystal, would be a viable QRP station for actual contacts. My present location is very limited for antenna and also the local noise on lower bands is horrendous ( and institutional- i mean there's no way to go about removing it, it comes with the local "features" such as photoelectric switched lamps etc.)

I have seen an ad for an oldtime Philco Novice transmitter kit,

i'm pretty sure it only used one active tube, like 6V6, that worked on 80, 40, and 10. Yes- 10. I wonder what they had in mind for a crystal, and how much power output that would have, and just what kind of receiver they expected the novice would use with this transmitter.

Hue Miller

-----  
Message-ID: <3B3C785E.EDF6DBDC@lobo.net>  
Date: Fri, 29 Jun 2001 06:45:24 -0600  
From: "Herbert M. Rosenthal" <herbrosse@lobo.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Regen sensitivity on 21, 28 MHz ?  
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"  
Content-Transfer-Encoding: 7bit

Hugh,

Consider the undesirable radiation of a regen rx:

Right after WW II, 1946, most folks at home, Syracuse, were on 2 1/2 M with a regen transceiver, using a 6C4 triode oscillator for both rx regen and tx. Regen control was a scratchy 50k ww pot. You could hear when others were listening! It became so bad that we added an external rf preamp stage (6AK5, I think) that was switched in on rx to prevent the receivers from radiating. Town quieted down remarkably.

Considering the modern sensitivities of rxs, I believe a regen on 30M, or hf in general, would be an unkind thing to do, without a preamp stage and good shielding.

I built a 2 tube 30M tx several years ago using a 6AU6 oscillator and a 6AQ5 output... plate voltage was about 250 volts, and I used a handful of 30M fundamental xtals I bought from the man in MO (no longer in business)...in FT 243 cases. I used that 6-watter on 30 (10.10 to 10.15) exclusively for about 3-4 years and it was an absolute ball! Gentlemanly ragchews and rarely a wham-bam-599 73s-type QSO. But I think that was before everyone found 30M.

Good luck-remember the preamp stage,

Herb Rosenthal W5AN  
herbrosse@lobo.net

Hue Miller wrote:

> I want to ask about the practicality of using a regen on higher  
> bands than the usual coils supplied o

-----  
From: K8MFO@aol.com  
Message-ID: <107.1f3b60a.286ddfd8@aol.com>  
Date: Fri, 29 Jun 2001 09:42:48 EDT  
Subject: Radio City Product and More BA Books for Sale  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I have a rather unusual item here. It is a "Modernization Unit #120" from Radio City Products, Inc. Co. of New York. Circa 1947. It is for use with tube tester models 800, 801, 801A, 801M, 802, and 803. I am not familiar with those tube testers. This unit may provide additional tube base configurations for the additional testers. It does have 6 tube bases on it. Comes with updated tube chart 105B, and also instructions for installation. Anyone have a need for this? If so, let me know, and it will come your way via Postal Priority Mail for \$10.

Here are a few additional books for sale, along with a few that remain from my last posting. All PRICES INCLUDE SHIPPING via media mail.

1. RCA Guide for Transmitting Tubes. 12/43 edition. \$8
2. RCA Receiving Tube Manual. Technical Series RC-14. 2/42 edition. Both cover and manual are in decent condition, but they have separated. \$8
3. The Radio Amateurs Handbook. 1960 Edition. \$9
4. Understanding Amateur Radio. From ARRL. 1963 Edition. 300+ pages. \$7
5. Fundamentals of Magnetic Recording. From 1951. By Audio Devices, Inc. 45 pages. \$3
6. 1973 Radio Amateurs Handbook. From ARRL. \$9
7. Scanner Mate - 1977 Edition. For the states of OH, IN, KY, MI, and IL. Lists all of the "action frequencies". 145 pages. \$5
8. The Worldwide Shortwave Listening Guide. From Radio Shack. 112 pages. \$5

Again, PRICES INCLUDE SHIPPING. Questions?



Don K8MFO

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 Message-ID: <000701c100dc\$4ec31f20\$d0142c42@default>  
 From: "philip" <dgnova@erols.com>  
 To: Old Tube Radios <boatanchors@theporch.com>  
 Subject: Re regen  
 Date: Fri, 29 Jun 2001 16:44:29 -0400  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
     charset="iso-8859-1"  
 Content-Transfer-Encoding: 7bit

You might try using a 6AC7 as your regen detector. Haven't tried it myself, but here it works quite well.

You really should have an RF stage do reduce radiation, as someone mentioned earlier.

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 Date: Fri, 29 Jun 2001 18:26:00 -0400 (EDT)  
 Message-Id: <200106292226.f5TMQ0Y17115@ecunet.org>  
 To: Old Tube Radios <boatanchors@theporch.com>  
 Subject: I-177 TUBE TESTER METERS  
 From: JOHN.SEHRING@ecunet.org

To: boatanchors@theporch.com

I've been seeing the thread on I-177 tube testers (& other metered equipment) banging needles.

I almost destroyed a meter in a Sprague cap checker, they're unobtainium.

I highly recommend putting some diodes across the meter movement, a pair, one in each direction. I leave it up to you (homework!) to figure out what kind of diodes, Si or Ge, or Zener to use so as not to spoil calibration.

-John Sehring (Fri, Jun 29, 2001 @ Ipswich SD) WB0EQ UCC

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 End of BOATANCHORS Digest 3181

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